

IN THE CLAIMS:

1.-3. (Cancelled)

4. (Currently Amended) A polymer insulator apparatus comprising a rectangular structure comprising plural polymer post insulators, a supporting structure and a plate member, wherein a first end of each polymer post insulator is connected to said supporting structure, and a second end of each said polymer post insulators is connected to said plate member according to Claim 1, wherein the plural polymer post insulators are connected by a supporting structure at one end thereof and are connected by a plate member at the other end thereof.

5. (Currently Amended) A method for mounting plural polymer post insulators on a supporting structure, wherein comprising: providing a supporting structure and plural polymer post insulators;

connecting a first end of each said the plural polymer post insulators are connected insulator to the supporting structure;
and

connecting a second end of each said plural polymer post insulator such that said plural polymer post insulators are parallel to each other and normal to the supporting structure at each one end thereof to be arranged in parallel, each other end of the polymer post insulators is connected, the axial direction of the plural polymer post insulators is horizontal, and the direction of parallel arrangement of the plural polymer post insulators is vertical to enhance the strength along the arranged direction in parallel of the polymer insulators.

6. (Currently Amended) A-The method according to Claim 5, wherein said first end of each said polymer post insulator is connected to said supporting structure by a first rigid body comprising a part of said polymer post insulator, and said second end of each said polymer post insulator is connected to a plate member by a second rigid body comprising a part of said

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~~polymer post insulator the plural polymer post insulators are connected by a rigid body at each other end thereof.~~

7. (Currently Amended) A The method according to Claim 5, wherein said first end connection and said second end connection each comprise a rigid connection the plural polymer post insulators are connected rigidly.

8. (Currently Amended) A The method according to Claim 5, wherein when an axial direction along a length of each said plural polymer post insulator is substantially a horizontal direction and an axial direction along a length of said supporting structure is substantially a vertical direction, then said plural polymer post insulators are for supporting a weight of a load acts acting in the vertical direction.

9. (New) The polymer insulator apparatus according to Claim 4, wherein said supporting structure is configured for operating with an electric power transmission line.

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10. (New) The method according to Claim 5, wherein said supporting structure is configured for operating with an electric power transmission line.